

Permit

Environmental Protection Act 1994

Environmental authority EPPR00455913

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EPPR00455913

Environmental authority takes effect on 06 July 2012.

Environmental authority holder(s)

Name(s)	Registered address
Magnetic South Pty Ltd	Suite 302, Level 3 102 Adelaide Street BRISBANE ADELAIDE STREET QLD 4000

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Schedule 3 - 09 - A mining activity involving drilling, costeaning, pitting or carrying out geological surveys causing significant disturbance	EPC769

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or

- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority - on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
- c) otherwise on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the original take effect date unless you apply to change the anniversary day. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Coal & Gemstone Mining

Department of Environment and Science

Phone: (07) 4987 9320

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Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able to take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

CONDITIONS OF ENVIRONMENTAL AUTHORITY

General

- G1 The conditions of this environmental authority are in force until surrender of the authority is accepted pursuant to the Environmental Protection Act 1994. The conditions apply unless an amendment is approved pursuant to the Environmental Protection Act 1994.
- G2 The environmental authority holder is to give the administering authority a financial assurance in the amount and form and at a time required by the administering authority.
- G3 The environmental authority holder must comply with each of the Standard Environmental Conditions contained in the Code of Environmental Compliance for Exploration and Mineral Development Projects, except part of Condition 13 relating to Endangered Regional Ecosystems as a Category B Environmentally Sensitive Areas, which is replaced by the conditions in this environmental authority.
- G4 If there is any inconsistency between a standard environmental condition referred to in (G3) and an additional condition in this environmental authority, the additional condition prevails to the extent of any inconsistency.

Land

- L1 The environmental authority holder is authorised to carry out mining activities on EPC769, in or within 500m of any Endangered Regional Ecosystem.
- L2 In carrying out mining activities in or within 500m of any Endangered Regional Ecosystem, the environmental authority holder must comply with conditions L3 to L10 of this environmental authority.
- L3 In carrying out mining activities on EPC769 all reasonable and practicable measures must be taken to prevent or minimise the likelihood of environmental harm being caused to Endangered Regional Ecosystems 11.3.1; 11.4.3; 11.4.8; 11.4.9 & 11.9.1 identified in the environmental management plan entitled "Capricorn Coal Pty Ltd Exploration Program - Environmental Management Plan for EPC769."
- L4 Mining activities undertaken must be consistent with the Environmental Management Plan entitled "Capricorn Coal Pty Ltd Exploration Program - Environmental Management Plan for EPC769 and with the schedule of works proposed in the map entitled "Figure 6: Proposed Drilling Program over EPC769."
- L5 Drill Sites
- a) Locate drill sites outside of Endangered Regional Ecosystems, where practicable; and
 - b) Operational area is to be no greater than 500m²; and
 - c) Sump size is to be no greater than 10m²; and
 - d) Topsoil stripping must be limited to sump area; and

- e) All clearing of mature trees must be prevented or minimised; and
- f) Drill holes within the ERE are limited to less than 250mm in diameter.

L6 Tracks

- a) Locate tracks outside of Endangered Regional Ecosystems, where practicable; and
- b) Spacings between tracks must not be less than 250m; and
- c) Existing access and fence line tracks must be used where possible and any tracks constructed must link natural clearings; and
- d) Track construction involving blade clearing or established ground cover vegetation and/or clearing of mature trees is prevented or minimized; and
- e) Line of site clearing must be avoided; and
- f) Construction of new crossings over watercourses must be avoided and is only permitted when no reasonable alternative is available; and
- g) All tracks must be constructed and maintained with adequate drainage to avoid accelerated erosion; and
- h) Access tracks must be less than 5m in width.

L7 Drilling or Seismic Grid

- a) Spacing or drilling access and 2D seismic lines is not less than 500m apart; and
- b) Spacing and drilling access and 2D seismic lines may be reduced to 250m at no more than 50 specified points.

L8 2D Seismic Lines

- a) Locate 2D seismic lines outside of Endangered Regional Ecosystems, where possible; and
- b) All clearing of mature trees must be prevented or minimised; and
- c) Existing tracks and fencelines to be used where possible.

L9 Other Land Disturbance

- a) Activities must not include costeaning or bulk sampling; and
- b) All equipment such as earthmoving and drilling equipment must be used in a manner which prevents the spread of weeds, minimises unnecessary disturbance of topsoil and ground cover vegetation; and
- c) Campsites must not be established; and
- d) All waste must be removed and disposed offsite.

L10 Rehabilitation & Reporting

- a) Rehabilitation of areas disturbed within Endangered Regional Ecosystems must be completed as soon as practicable but no longer than 3 months after completion of the disturbance activity; and
- b) The environmental authority holder must revegetate disturbed areas of Endangered Regional Ecosystem (11.3.1; 11.4.3; 11.4.8; 11.4.9; 11.9.1) with native plant species endemic to the area that will promote the same vegetation type and density of cover to that of the surrounding undisturbed areas of Endangered Regional Ecosystem; and
- c) An annual report must be prepared each year and submitted with each annual return. The report must include details of exploration activities undertaken and details of progressive rehabilitation works completed to demonstrate compliance with L10 (b). The annual report must also include a program of works for the next annual return period.